

**Amendments to the Specification:**

On page 1, line 3, please replace the paragraph beginning “This application claims benefit” with the following amended paragraph.

This application claims benefit, under 35 U.S.C. § 119(e), of U.S. Provisional Patent Application No. 60/492,682 filed on August 5, 2003, U.S. Provisional Patent Application No. 60/497,470 filed on ~~on~~ August 21, 2003, and U.S. Provisional Patent Application No. 60/575,499 ~~to be assigned, entitled “Computer Systems and Methods for Inferring Causality from Cellular Constituent Abundance Data,” to Schadt,~~ filed on May 28, 2004, each of which is hereby incorporated by reference in its entirety.